

Author Index

Abe K.	.332	de Wit R.	.146
Abildgaard A.	.265	Dean P.B.	.272
Adam A.N.	.91	Dedrick C.G.	.275
Adam G.	.165	Degreif J.	.356
Allison D.J.	.323	del Viscovo L.	.27
Almgren B.	.317	Delcour C.	.435
Althaus S.	.364	Delemazure O.	.160
Amygdalos M.A.	.107	Delos M.	.285
Ashdown B.	.364	DeMarta D.A.	.123
Athanassopoulou A.K.	.187	Didier D.	.348
Austin W.R.	.227	Domeracki F.	.37
Balkanci F.	.56	Domschke S.	.15
Ball D.S.	.37, 47	Dorffner R.	.117
Barile A.	.291	Drinković I.	.360
Barth K.H.	.423	Düber C.	.356
Baum R.A.	.368	Dussek J.E.	.91
Beckmann C.F.	.275, 281	Dutch Iliac Stent Trial Group	.411
Bell P.R.F.	.184	Egge T.S.	.265
Belli A.-M.	.82, 152, 291	Eikelboom B.C.	.313
Bergqvist L.	.418	Elliott B.M.	.120
Bergqvist D.	.317	Elsman B.H.P.	.313
Beyer-Enke S.A.	.406	England R.E.	.381
Biesterfeld S.	.165, 248	Ernst O.	.160
Bjarnason H.	.227	Fan C.-M.	.305
Blumhardt G.	.388	Farrés M.T.	.101, 288
Bodner L.J.	.193	Fernández R.	.371
Bolia A.	.184	Ferral H.	.442
Boos I.	.15	Ferro C.	.291
Bowyer R.C.	.128	Fischbach R.	.431
Boyvat F.	.56	Fisher A.I.	.341
Brambs H.-J.	.242	Frahm C.	.335
Braun M.A.	.428	Francica G.	.27
Braunstein L.	.37, 47	Fransen P.	.348
Brklijačić B.	.360	Freeny P.C.	.364
Brodkin J.	.298	Freymann C.	.423
Brossman J.	.345	Froelich J.J.	.423
Bruninx G.	.435	Fu M.	.438
Buckenham T.M.	.82, 152	Gabata T.	.352
Çakirer S.	.278	Garcia-Hidalgo E.	.371
Carrel T.	.113	Gates J.	.329
Castañeda F.	.388	Gehl H.-B.	.335
Castañeda-Zúñiga W.R.	.227	Geller S.C.	.305
Çayan S.	.278	Giorgio A.	.27
Cekirge S.	.56	González J.	.371
Cheng Y.-F.	.438	Gorriz E.	.442
Chin D.H.	.302	Gossmann A.	.431
Chopra P.S.	.123	Gouliamos A.D.	.187
Clouse M.E.	.329	Grabitz R.	.170
Coe J.Y.	.170	Graf O.	.10
Cohen G.S.	.37, 47	Greenfield A.J.	.446
Coldwell D.	.364	Grenko R.T.	.341
Cope C.	.107, 368	Grubnic S.	.152
Cossi A.	.281	Guenther R.W.	.40
Cowling M.G.	.82	Günther R.W.	.165, 248, 260
Cox M.R.	.128	Haapanen A.	.272
Cui Z.	.239	Haaring C.	.411
Cwikiel W.	.418	Haldemann A.R.	.77
Dalichau H.	.255	Halin N.J.	.446
Davies R.P.	.128	Hamatake S.	.50
De Coene B.	.285	Han M.-J.	.32
De Scheerder I.	.176	Hanno P.	.47
de Vos H.	.313	Harnek J.	.418
De Wispelaere J.-F.	.285	Hartnell G.G.	.329

Haskal Z.J.	107, 368	Lazinger M.	281
Hasse F.	388	Le T.-P.	170
He F.-X.	32	Lee T.-Y.	438
Heenan S.D.	152	Legemate D.A.	313
Heindel W.	431	Lesnfsky E.J.	377
Heller M.	294, 345	Lesnfsky M.H.	377
Helton W.S.	364	Link J.	294, 345
Hirai T.	1, 50	Lo P.-H.	438
Höpfner M.	294	Lobrano M.B.	442
Hoppe M.	423	Loehlein D.	388
Hopper K.D.	341	Löfberg A.-M.	317
Horihata K.	53	Long W.B.	107
Hsieh J.-S.	21	Lonjedo E.	442
Huang C.-J.	21	Loosveld O.	146
Huang T.-J.	21	Lörelius L.-E.	317
Hunter D.W.	227	Löser C.	294
Ikemoto Y.	374	Lund G.B.	110
Ikushima I.	50	Magoufis G.L.	187
Imamura H.	374	Mali W.P.T.M.	234, 313, 411
Irie T.	139	Malloy P.C.	110
Ishii C.	139	Mansfield A.O.	323
İşlak C.	278	Mariniello N.	27
Jackson J.E.	323	Martin D.F.	381
Jaeger H.J.	388	Mathias K.D.	388
Jakobsen J.Å.	265	Matsuura K.	53
Jaschke W.	181	Matsueda K.	352
Jeekel J.	72	Matte J.-C.	435
Kadioğlu A.	278	Maynar M.	442
Kadish S.L.	107	Mazer M.J.	401
Kadoya M.	352	McCrohan G.	123
Kalovidouris A.	187	Mehring U.-M.	388
Kaneko M.	32	Melchart U.H.	335
Karacagil S.	317	Merrill T.N.	428
Kawai N.	397	Meyers H.	72
Kelsey P.B.	43	Michel O.	431
Kettenbach J.	117	Mikkola J.	272
Khan H.G.	348	Müller L.-P.	356
Kilbinger M.	165	Müller-Hüsbeck S.	294, 345
Kimura M.	53, 397	Murakami R.	50
Kinser J.A.	77	Murphy K.D.	123
Kishi K.	53, 397	Namyslawski J.	446
Klose K.J.	423	Nasim A.	184
Kłow N.-E.	265	Nazarian G.K.	227
Ko S.-F.	438	Neuerberg J.	40
Kobayashi K.	352	Neuß M.B.	170
Kobayashi Y.	374	Ng S.-H.	438
Königsrainer A.	181	Nishida N.	53
Koranda P.	77	Nogi S.	374
Korogi Y.	1, 50	Nosher J.L.	193
Kotoulas G.K.	187	Numan F.	278
Koulocheri D.P.	187	Nuzzo A.	27
Kreitner K.-F.	356	Odink H.	65
Kueffer G.	190	Öğüt G.	278
Kuijpers T.J.A.	146	Oguzkurt L.	56
Kulisch A.	248	Ohsugi F.	139
Kumar K.	97	Okawada T.	32
Kutsukake Y.	332	Oliver J.M.	371
Kwon O.J.	123	Osterman F.A. Jr.	298
L'Herminie C.	160	Otani H.	374
Lackner K.	431	Otten P.	348
Lacomis J.M.	275	Oudkerk M.	146
Laméris J.S.	72	Padbury R.T.A.	128
Lammer J.	10, 101, 117, 288	Parga G.	371
Lauchart W.	242	Perona F.	291

Persson B.	418	Tanaka J.	332
Petersen B.D.	302	Tanaka K.	397
Pfeffer J.	165	Taneja K.	97
Piessens J.	176	Tarantino L.	27
Propst A.	181	Teitelbaum G.P.	401
Propst T.	181	Tellaloglu S.	278
Pulido-Duque J.M.	442	TenHave T.R.	341
Qureshi S.A.	85	Terada M.	53, 397
Rajani M.	97	Teraguchi M.	374
Ray C.E. Jr.	305	Tetteroo E.	411
Redel D.A.	170	Thiel T.	423
Reed R.A.	401	Thurnher M.M.	10
Reich J.	47	Thurnher S.	101
Reidy J.F.	85	Thurnher S.A.	10
Reimer W.	288	Tilanus H.W.	72
Reyes R.	442	Timmermans H.	302
Rieber A.	242	Tio F.	170
Rivitz S.M.	43, 305	Tomita K.	332
Roberto P.J.	47	Tonkin I.L.D.	401
Rollins N.K.	401	Toouli J.	128
Rösch J.	302	Trigaux J.-P.	285
Rösler H.	77	Triller J.	77, 113
Rossi P.	65	Tschäppeler H.	113
Roth R.A.	281	Tsushima Y.	272
Rotondo A.	27	Uflacker R.	120
Roussakis A.C.	187	Unoura M.	352
Saatçi I.	56	Urabe T.	352
Sadaoka S.	139	Ushimi T.	332
Sakamoto Y.	50	van der Graaf Y.	234, 411
San Roman J.L.	442	van der Heyden F.W.H.M.	313
Saraste M.	272	van Engelen A.D.	411
Sato M.	53, 397	van Overhagen H.	72
Savader S.J.	298	van Schaik J.P.J.	411
Schima W.	101	Van Wilder F.	435
Schmitz P.I.M.	146	Verbeek E.	176
Schmitz-Rode T.	165, 260	Vetter S.	15
Schüpbach P.	113	Vicol C.	255
Schürmann K.	40, 248, 260	Villar R.	371
Sergent G.	160	Vlahos L.	187
Sharma S.	97	Vogel W.	181
Shioyama Y.	53, 332, 397	Vorwerk D.	40, 248, 260
Shirodkar N.B.	123	Wagner B.	101
Siegel R.L.	193	Wagner H.J.	423
Smith S.J.	428	Walderberger P.	181
Söldner J.	406	Walser R.H.	77
Sonomura T.	332, 397	Waltman A.C.	43
Spengel F.A.	190	Wang C.-R.	32
Stackhouse D.J.	227	Wang J.-Y.	21
Stanley P.	401	Wang K.	176
Staudacher M.	117	Wang M.Q.	239
Steffens J.C.	345	Wang Y.P.	239
Stoeckelhuber B.M.	190	Watkinson A.F.	91
Stopinski T.	248	Wegryn S.A.	227
Strecker E.-P.	15	Weiss H.-D.	335
Stridbeck H.	418	Wendt G.	40
Stroehmer-Kulisch E.	248	Westman B.	317
Strohm M.	15	Weynants P.	285
Suojanan J.N.	329	Wilczek K.	176
Suzuki K.	332	Wilding R.	10, 101
Szeimies U.	190	Wilson T.G.	128
Tada S.	139	Winick A.B.	110
Takahashi M.	1, 32, 50	Winkelbauer F.	10, 101, 117
Takashima T.	352	Winrow D.	275
Tan B.-S.	91	Winter-Warnars H.A.O.	234

Wyttenbach M.	113	Yokoyama Y.	332
Xing C.C.	239	Yoshikawa J.	352
Xu K.	32	Yu M.	239
Yakes W.F.	65	Zeitler E.	406
Yamada R.	53, 397	Zhang H.-G.	32
Yamada T.	139	Zhang J.S.	239
Yang L.	239	Zhang X.-T.	32

Subject Index

Access, nephrostomy, snare wire, 193
Accessory portal vein, 239
Aneurysm,
—, femoropopliteal, covered stent, 117
—, suprarenal, ruptured, angiography, 291
Angiography,
—, vs AA index vs duplex US for follow-up, 234
—, ruptured suprarenal aneurysm, 291
Angioplasty, percutaneous transluminal,
—, and stent placement, Budd-Chiari, 32
—, hepatic artery, complications, 181
—, pressure gradient assessment, 411
—, puncture site sealing, 406
Angioscintigraphy, AV shunts, liver tumors, 77
Ankle-arm index vs angiography vs duplex US for follow-up, 234
Aortocaval fistula, embolization, 56
Arteriosclerosis, intravascular ultrasound, 1
Arteriovenous fistula, stent-graft repair, 120
Arteriovenous malformation, 65
—, flow occlusion techniques, 323
—, pulmonary, systemic supply, 285
Arteriovenous shunts in liver tumors, 77
Artery,
—, brachial, occlusion, 184
—, carotid, rupture, balloon embolization, 50
—, femoropopliteal,
—, —, AA index vs angiography vs duplex US, 234
—, —, femoropopliteal, atherectomy, catheter, 152
—, hepatic, angioplasty complication, 181
—, iliac, thrombus in stent, 190
—, pulmonary, CT vs cine, 97
—, renal, spiral CT vs DSA, 101
Aspiration biopsy vs capillary, 341
Atherectomy catheter, pullback, 152
Balloon,
—, embolization, carotid artery rupture, 50
—, occlusion portography, 368
—, rupture, retrieval, 428
—, valvuloplasty, critical aortic stenosis, 374
Biliary complications after liver transplant, 242
Biliary drainage,
—, duodenal fistula, 371
—, percutaneous transhepatic, 160
Biliary stent,
—, covered, 10
—, transjugular insertion, 107
Biopsy,
—, capillary vs aspiration, 341
—, liver,
—, —, Biopsy gun, 442
—, —, US, lethal complications, 360
—, needle path, subpleural lesions, 332
Brachial artery occlusion, 184
Budd-Chiari, PTA and stents, 32
Capillary biopsy vs aspiration, 341
Cardiac catheterization complication, 184
Carotid artery rupture, balloon embolization, 50
Catheter,
—, central venous, repositioning, 329
—, entanglement, pulmonary arteriography, 275
—, fragmentation, caval thrombus, 260
—, high-speed rotating, 165
—, migration of port-a-cath system, 435
—, percutaneous drainage, 128
Cavernous hemangiomas, embolization, 364
Chemoembolization, sequential, HCC, 388
Chemotherapy, gynecologic, IA cisplatin, 139
Cholecystitis, cholecystostomy, 72
Cholecystostomy for cholecystitis, 72
Cisplatin, IA, extended, gynecologic cancer, 139
Coil,
—, interlocking detachable, 85
—, occlusion of neonate PDA, 170
Computed tomography,
—, spiral, vs DSA, renal arteries, 101
—, vs cine in cyanotic CHD, 97
Congenital heart disease, cyanotic, CT vs cine, 97
Contrast extravasation, pulmonary arteriography, 305
Contrast media, ultrasound, 265
Coronary fistula, traumatic, 272
Critical aortic stenosis, balloon valvuloplasty, 374
Devascularization, 21
Dissection,
—, aortic diverticulum, MRI, 438
—, gastric wall, 288
Doppler US after TIPS, 397
Drain fragment, Jackson-Pratt, retrieval, 446
Drainage,
—, biliary,
—, —, duodenal fistula, 371
—, —, percutaneous transhepatic, 160
—, percutaneous, new catheter, 128
Duplex scanning, color-coded, 313
Embo, pulmonary, fragmentation, 165
Embolization,
—, AVMs, flow occlusion techniques, 323
—, balloon,
—, —, carotid artery rupture, 50
—, —, hepatic encephalopathy, 53
—, bleeding after L4/L5 discectomy, 348
—, coil, aortocaval fistula, 56
—, cyanoacrylate, aortocaval fistula, 56
—, gastric artery pseudoaneurysm, 110
—, giant cavernous hemangiomas, 364
—, hepatic artery pseudoaneurysm, 43
—, idiopathic priapism, 47
—, interlocking detachable coils, 85
—, NBCA, high-flow priapism, 278
—, posttraumatic priapism, 278, 281
—, ruptured suprarenal aneurysm, 291
Encephalopathy, hepatic, balloon embolization, 53
Esophageal stent, nitinol, 15
Esophagogastric varices, portography, 21
Ethanol,
—, arteriovenous malformation, 65
—, injection, liver tumors, 27
Femoropopliteal artery,
—, AA index vs angiography vs duplex US for follow-up, 234
—, atherectomy catheter, 152
Femoropopliteal aneurysm, covered stent, 117
Filters, IVC, in pediatrics, 401
Fistula,
—, aortocaval, coil embolization, 56
—, AV, stent-graft repair, 120

- , coronary, traumatic, 272
- , duodenal, drainage, 371
- , esophagorespiratory, stent, 431
- Foreign body retrieval,
 - , loop snare, 298
 - , percutaneous, 446
- Fragmentation,
 - , catheter, caval thrombus, 260
 - , pulmonary emboli, 165
- Gastric artery, pseudoaneurysm, embolization, 110
- Gastric wall dissection, 288
- Gastrostomy, percutaneous, complication, 288
- Graft puncture, direct, thrombolysis, 82
- Gynecologic cancer, extended IA cisplatin, 139
- Heart,
 - , MRI, hydatid disease, 187
 - , total anomalous pulmonary venous connection, 113
- Hemangioma, cavernous, embolization, 364
- Hemorrhage,
 - , puncture site sealing, 406
 - , retroperitoneal, embolization, 348
- Heparin-induced thrombocytopenia, 123
- Hepatic artery,
 - , angioplasty complication, 181
 - , pseudoaneurysm, embolization, 43
- Hepatic encephalopathy, balloon embolization, 53
- Hepatic vein thrombosis, 368
- Hepatocellular carcinoma, sequential TACE, 388
- Hydatid disease, heart, MRI, 187
- Hypothernar hammer syndrome, 356
- Iliac artery, thrombus in stent, 190
- Inferior vena cava filters, pediatric, 401
- Infusion techniques, 423
- Intravascular ultrasound, peripheral arteries, 1
- Jaundice, malignant obstructive, 381
- Limb ischemia, below-knee PTA, 317
- Liver,
 - , biopsy,
 - , —, Bipty gun, 442
 - , —, US, lethal complications, 360
 - , isolated perfusion, 418
 - , transplantation, biliary complications, 242
 - , tumors,
 - , —, AV shunt evaluation, 77
 - , —, one-shot ethanol injection, 27
- Loop snare retrieval, ruptured balloon, 428
- Magnetic resonance,
 - , dissection, of aortic diverticulum, 438
 - , heart, hydatid disease, 187
 - , needle visualization, 335
- Malignant obstructive jaundice, 381
- Malpositioned central venous catheters, 329
- Metal artifacts, MRI, 335
- Needle path, biopsy subpleural lesions, 332
- Needles, magnetic resonance compatibility, 335
- Neointimal hyperplasia, comparison of stents, 248
- Nephrostomy access, snare wire, 193
- Occlusion,
 - , brachial artery, 184
 - , venous, metallic stents, 227
- Patent ductus arteriosus, neonate, occlusion, 170
- Patient selection for PTA, color-coded duplex scanning, 313
- Pediatric patients, IVC filter, 401
- Percutaneous transluminal angioplasty,
- , below-knee, 317
- , patient selection, 313
- , pressure gradient assessment, 411
- Perfusion, isolated, liver, 418
- Peripheral arteries, ultrasound, 1
- Peripheral circulation, pseudostenosis, 377
- Port-a-cath system, migration, 435
- Portal collaterals, portography, 21
- Portal vein,
 - , accessory, 239
 - , thrombosis, chronic, TIPS, 352
- Portography,
 - , balloon occlusion, 368
 - , recurrent varices, 21
- Pressure gradients, assessment of stenting and PTA, 411
- Priapism,
 - , idiopathic, embolization, 47
 - , posttraumatic, embolization, 278, 281
- Pseudoaneurysm,
 - , embolization, gastric artery, 110
 - , hepatic artery, embolization, 43
- Pseudostenosis, peripheral circulation, 377
- Pulmonary,
 - , angiography complication, 275
 - , arteriography, contrast extravasation, 305
 - , AVM, systemic supply, 285
 - , emboli fragmentation, 165
 - , venous connection, total anomalous, 113
- Pulse-spray infusion, technique, 423
- Puncture site sealing, 406
- Recanalization,
 - , extraluminal, 184
 - , venous, rheolytic system, 255
- Renal arteries, spiral CT vs DSA, 101
- Repositioning, displaced catheter, 435
- Retrieval,
 - , foreign body, loop snare, 298
 - , Jackson-Pratt drain fragment, 446
 - , ruptured balloon, 428
- Rheolytic thrombectomy of TIPS, 294
- Rheolytic system, venous recanalization, 255
- Spiral CT vs DSA, renal arteries, 101
- Stenosis,
 - , stent, 37
 - , venous, metallic stent, 227
- Stent,
 - , biliary, transjugular insertion, 107
 - , biocompatibility comparison, 176
 - , caval, retroperitoneal fibrosis, 40
 - , comparison for neointimal hyperplasia, 248
 - , covered,
 - , —, biliary, 10
 - , —, inflammatory reaction, 345
 - , —, nitinol, femoropopliteal aneurysm, 117
 - , effort thrombosis, 37
 - , esophagorespiratory fistula, 431
 - , hepatic IVC, Budd-Chiari, 32
 - , metallic, venous stenosis, 227
 - , metal self-expanding, SVC syndrome, 146
 - , nitinol esophageal, 15
 - , SVC syndrome, 302
 - , thromboembolic stenosis, 190
 - , tracheobronchial obstruction, Wallstent, 91
- Stent-graft repair, AV fistula, 120

Stenting, assessment by pressure gradients, 411
Subpleural lesions, biopsy needle path, 332
Superior vena cava syndrome, stent, 146, 302
Thrombectomy, hydrodynamic, ilio caval stenosis, 40
Thrombocytopenia, heparin induced, IA urokinase, 123
Thrombolysis,
—, direct graft puncture, 82
—, infusion techniques, 423
Thrombosis,
—, chronic portal vein, TIPS, 352
—, hepatic vein, 368
—, stent placement, 37
Thrombus catheter fragmentation, caval, 260
Tracheobronchial obstruction, Wallstent, 91
Transjugular intrahepatic portosystemic shunt,
—, chronic portal vein thrombosis, 352
—, complication, hepatic encephalopathy, 53
—, Doppler US after, 397
—, thrombosis, rheolytic thrombectomy, 294

Transjugular liver biopsy, Biopsy gun, 442
Transplantation, liver, biliary complications, 242
Tumor, liver,
—, AV shunt evaluation, 77
—, one-shot ethanol injection, 27
Ultrasound,
—, contrast media, 265
—, Doppler, after TIPS, 397
—, duplex vs AA index vs angiography for follow-up, 234
—, intravascular, peripheral arteries, 1
Urokinase, thrombocytopenia, 123
Valvuloplasty, balloon, critical aortic stenosis, 374
Varices, recurrent, portography, 21
Vascular access device, IA cisplatin infusion, 139
Vein, portal, accessory, 239
Venous recanalization, rheolytic system, 255
Wallstent, tracheobronchial obstruction, 91
Wrist, muscle anomaly, 356